

## ABSTRACT OF THE DISCLOSURE

5 A method is provided for measuring a far-end  
reflectance of a fiber-optic cable. The method comprises  
the steps of connecting an end face of the fiber-optic  
cable to a transceiver comprising a transmitter for  
transmitting an optical signal and a receiver for  
receiving an optical signal, transmitting an optical  
signal from the transmitter of the transceiver and  
10 receiving the optical signal reflected by the other end  
face of the fiber-optic cable, and measuring a first  
amount of light of the reflected optical signal, where  
the other end face of the fiber-optic cable is open to  
air, or where the other end face of the fiber-optic cable  
15 is made to contact a solid having the same or substantially  
the same refractive index as that of the fiber-optic cable,  
and measuring the far-end reflectance of the fiber-optic  
cable based on the first and second amounts of light.

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